

**U.S. Department of Energy**  
Washington, D.C.

**ORDER**

DOE 5600.1

6-27-79

**SUBJECT: MANAGEMENT OF THE DEPARTMENT OF ENERGY WEAPON  
PROGRAM AND WEAPON COMPLEX**

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1. **PURPOSE.** This directive establishes the Policy and procedures for the management of the Department of Energy (DOE) weapon program and weapon complex and the utilization of the weapon complex facilities for nonweapon DOE activities.
2. **CANCELLATION** . IMD 6001 ADMINISTRATION OF THE DEPARTMENT OF ENERGY WEAPON PROGRAM AND WEAPON COMPLEX, of 1-19-78.
3. **SCOPE** . This Order applies to all elements of the Department of Energy and to all weapon complex facilities.
4. **POLICY AND OBJECTIVES.**
  - a. **Policy.** It is the policy of the DOE that the paramount mission of the weapon complex is the successful execution of the weapon program, and such steps will be taken as are necessary to preserve this principle. The utilization of the capabilities of the weapon complex in support of DOE's nonweapon responsibilities or other programs of national interest is encouraged but limited to the extent that such utilization does not adversely impact the weapon program.
  - b. **Objectives.**
    - (1) To assure the effective management of the weapon complex and the weapon program.
    - (2) To assure the continuing capability of the weapon complex to carry out its primary mission, to conduct the weapon program.

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**DISTRIBUTION:** All Departmental Elements      **INITIATED BY:** Defense Programs  
All Weapon Complex Facilities  
Federal Energy Regulatory Commission (Info)

- (3) To encourage the effective use of the capabilities and resources of the weapon complex in support of DOE's nonweapon responsibilities or other programs of national interest, subject to the need to assure that such programs do not adversely impact the weapon program.

5. RESPONSIBILITIES AND AUTHORITIES.

a. The Secretary (S)

- (1) Assures that the primary mission of the weapon complex remains the weapon program; and, that within the weapon complex, other programs do not adversely impact the weapon program.
- (2) Establishes lines of authority for the direction and management of the weapon complex from the Assistant Secretary for Defense Programs, DP-1, through the weapon complex operations offices.
- (3) Resolves issues related to the weapon program and the weapon complex which are of overriding national security interest.

b. The Under Secretary (US). Keeps the allocation of resources to the weapon complex under personal review to provide assurance to the Secretary that the policy established by this Order is followed and its objectives achieved.

c. The Assistant Secretary for Defense Programs (DP-1).

- (1) Is responsible for all weapon and weapon-related functions under DP-1 jurisdiction and reports directly to the Secretary (or Under Secretary as appropriate) regarding all matters pertaining to the weapon complex, its resources, capabilities, performance and activities, and the weapon program proper.
- (2) Exercises overall management and direction of the weapon complex through the lines of authority established by the Secretary, and, to the degree necessary and practical, exercises such management and direction apart from the integrated or coordinated management of DOE's energy-related responsibilities. In so doing, develops and implements policies and procedures related to the overall management and utilization of the weapon complex.
  - (a) Reviews jointly with the appropriate DOE sponsors, the nature, scope and future requirements of nondefense-related work described in the long-range projections.

- (b) Reviews the general support requirements and Nuclear Regulatory Commission (NRC), Department of Defense (DOD), and other national security-related reimbursables in conjunction with the affected operations offices.
  - (c) Reviews appropriate elements of the Policy and Program Planning System and other DOE management systems to assure that actual work assignments do not differ significantly from the projections.
  - (d) Reports to the Secretary (or Under Secretary, as appropriate) any occurring or threatened adverse impact on the weapon program and the weapon complex by ongoing or scheduled nonweapon work; provides annually a specific determination of whether the long-range projections indicate any adverse impact by nonweapon work on the weapon program.
  - (e) As appropriate, recommends assignment or reassignment of nondefense-related work.
  - (f) Concurs or nonconcurs in the assignment of responsibility for nonweapon work to weapon complex facilities through other than weapon complex operations offices.
  - (g) Concurs or nonconcurs in the assignment of nonweapon lead missions to weapon complex facilities.
- (3) Reviews and concurs in all proposed DOE permanent directives and similar Department-wide issuances that may apply to the weapon complex and provides any modifications necessary to preclude any adverse impact on the weapon program or complex.
- (4) Avoids duplicating DOE's support and advisory services to the greatest extent consistent with fulfilling the needs of the weapon program.
- (5) Modifies the requirements for the long-range projections to assure that they also fulfill Departmental institutional planning requirements and the requirements of the Director of Energy Research for monitoring energy research and development, and provides the projections as institutional plans when required.

- d. The Assistant Secretaries and the Director of Energy Research, for nonweapon programs falling within their areas of responsibility.
- (1) Deal directly with the field elements and the weapon complex operations offices in formulating possible nonweapon work tasks for accomplishment in the weapon complex.
  - (2) Review jointly with the DP-1, the nature, scope, and future requirements of nondefense-related work described in the long-range projections.
  - (3) Carry out necessary technical direction and related informational interaction directly with the field organizations conducting work which they fund.
  - (4) Inform DP-1 if any new circumstances occur which warrant significant deviations from the current long-range projections in-their respective areas.
- e. The Assistant Secretary for Environment. Provides the oversight and monitoring functions on environmental assessment and industrial / radiological health and safety and environmental practices for the weapon complex, exclusive of nuclear safety of weapon design, assembly, disassembly, test and transportation.
- f. The Managers of the Weapon Complex Operations Offices.
- (1) Report to the Assistant Secretary, DP, on matters related to this Order or which affect the weapon complex. Consistent with the responsibility of the Manager, Albuquerque Operations Office, for field management and oversight of the weapons production program, the Managers of the Oak Ridge Operations Office and the Savannah River Operations Office coordinate with and report through the Albuquerque Operations Office on matters concerning weapon activities at the Y-12 Plant and the Savannah River weapons production facility.
  - (2) Assure compliance with this Order by their organizations and appropriate contractors under their jurisdiction.
  - (3) Assure that the following functions relating to the workload of the complex are accomplished.

- (a) The Managers of Albuquerque, Nevada, and Savannah River Operations Offices submit long-range projections of the work to be accomplished by their organizations and at their respective production and test site facilities to DP-1. Work at the Savannah River weapons production facility is also included in the Albuquerque Operations Office projection along with work at the Y-12 plant.
- (b) The Directors of the Los Alamos, Lawrence Livermore, Sandia and Savannah River Laboratories submit long-range projections of the work to be accomplished by their respective laboratories to DP-1. These projections also serve to fulfill the Department's institutional planning requirements and are submitted through the cognizant operations offices.
- (c) As part of their projection submissions, the Operations Office Managers and the Laboratory Directors provide written assurance that there is no adverse impact on the weapon program by nonweapon programs, or they identify areas of potential adverse impact along with suggested remedies. They also advise DP-1 whenever the aggregate nonweapon activity proposed for the current or future years varies significantly from the current projection.
- (d) The Managers of the weapon complex operations offices review and assess planned and assigned nonweapon work at their respective weapon complex facilities in accordance with this Order, related Departmental directives, guidance provided by the Under Secretary and DP-1, and approved Institutional Plans.

6. DEFINITIONS.

- a. Long-Range Projections are best estimates of weapon and non-weapon work to be accomplished at weapon complex facilities based on broad guidance and constraints provided by Headquarters and the President's latest budget. They include a description of the general nature and scope of the work involved and the associated annual manpower, funding, and new facility requirements broken out in terms of each sponsor's area of responsibility. Capital equipment and plant not required primarily for a single sponsor are categorized as general support. Details of content, format,

publication, and scheduling are prescribed by DP-1. To provide commonality with other Departmental documentation, the laboratory long range projections are titled, "Institutional Plans."

- b. The Weapon Complex includes the three weapon laboratories whose primary mission is nuclear weapon design and development: the Lawrence Livermore Laboratory (LLL), the Los Alamos Scientific Laboratory (LASL), and the Sandia Laboratories (SL); the nuclear weapon test installations; the nuclear weapon production facilities (Pantex, Kansas City, Rocky Flats, Mound Facility, Pinellas, and weapon production areas at Y-12 and the Savannah River Plant); the Savannah River Laboratory (SRL); the Albuquerque Operations Office (AL); the Nevada Operations Office (NV); the Savannah River Operations Office (SR); and those elements of the San Francisco (SAN) and Oak Ridge (OR) Operations Offices related to management of the weapon program and the weapon complex.
- c. The Weapon Complex Operations Offices include AL, NV, SR, OR for Y-12 and SAN for LLL.

FOR THE SECRETARY OF ENERGY:



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Director of Administration